

Figure 1 (PRIOR ART)

200

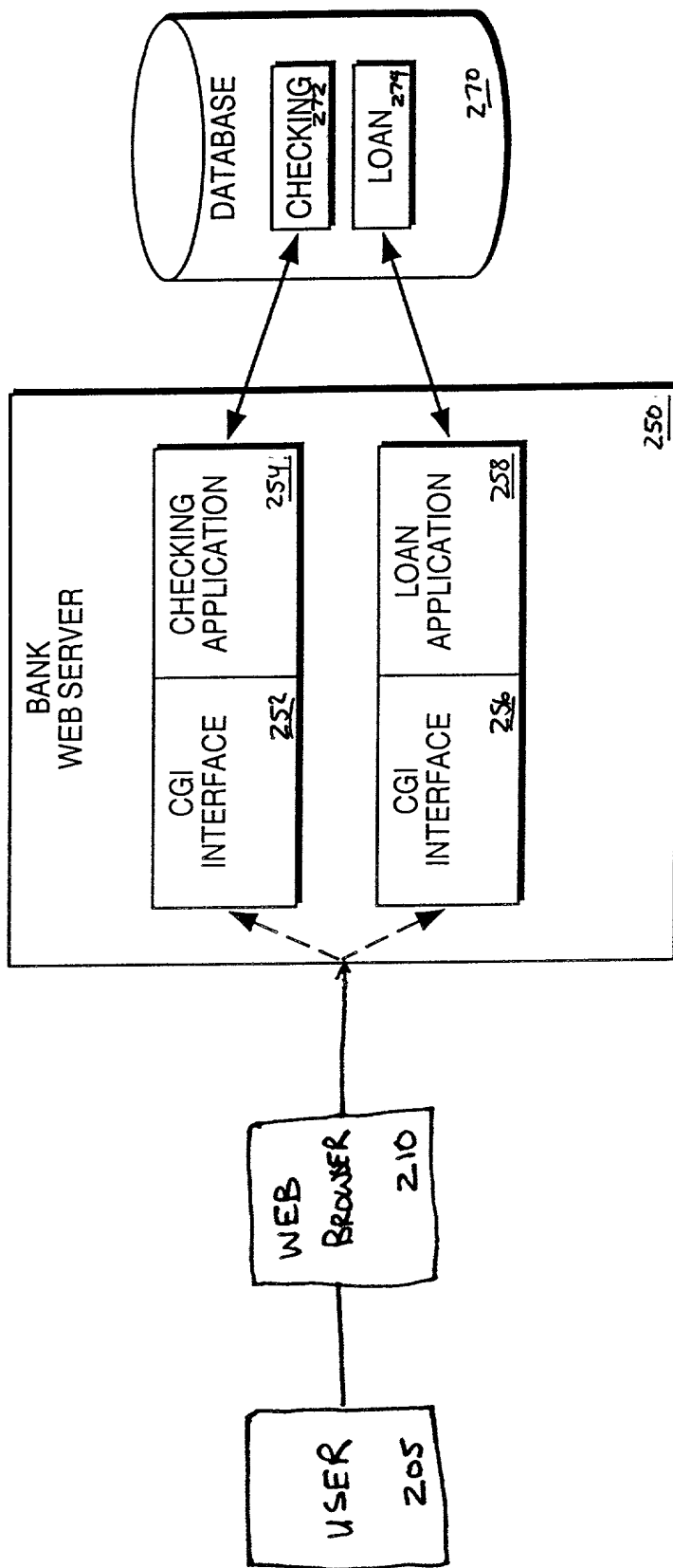


Figure 2 (PRIOR ART)

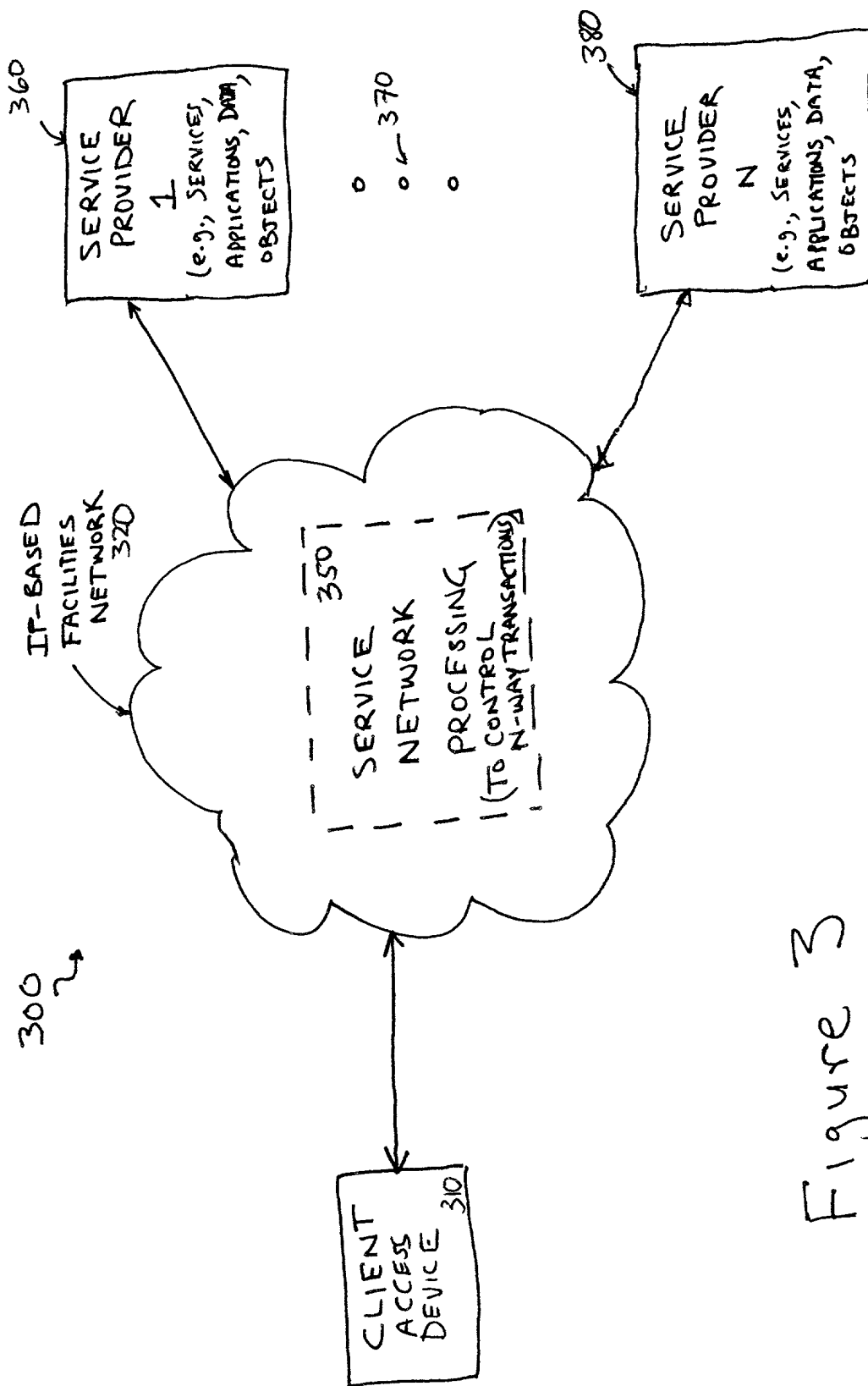


Figure 3

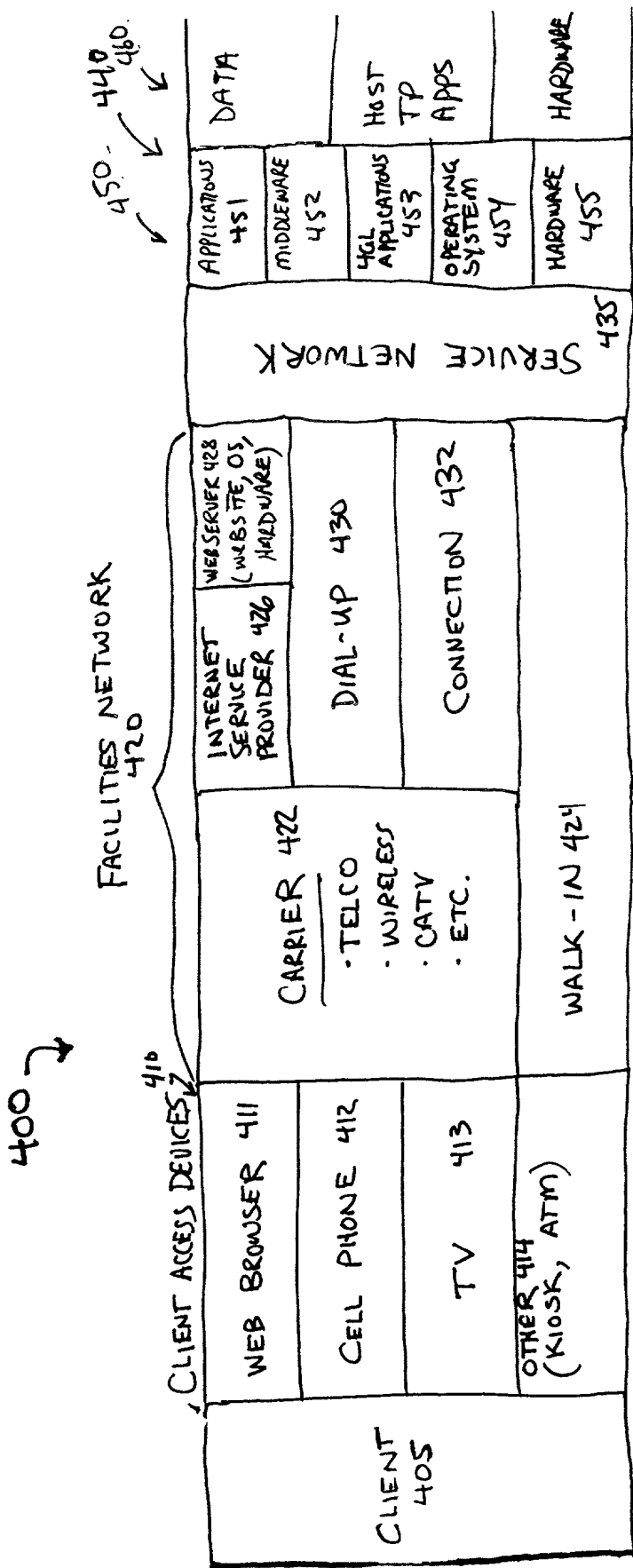


Figure 4

500

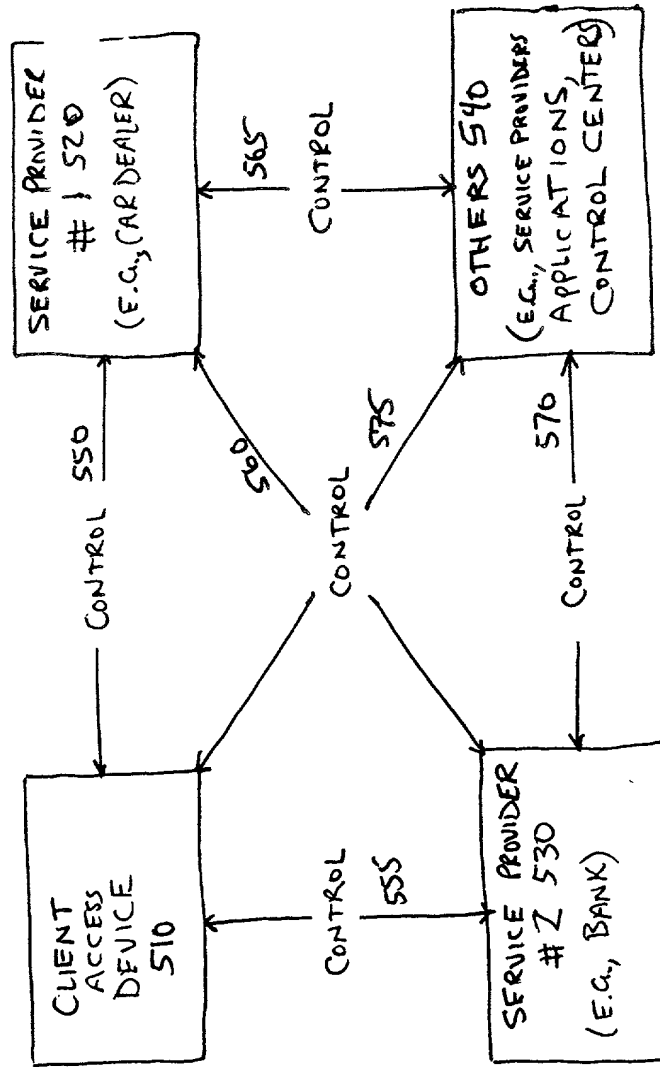


Figure 5

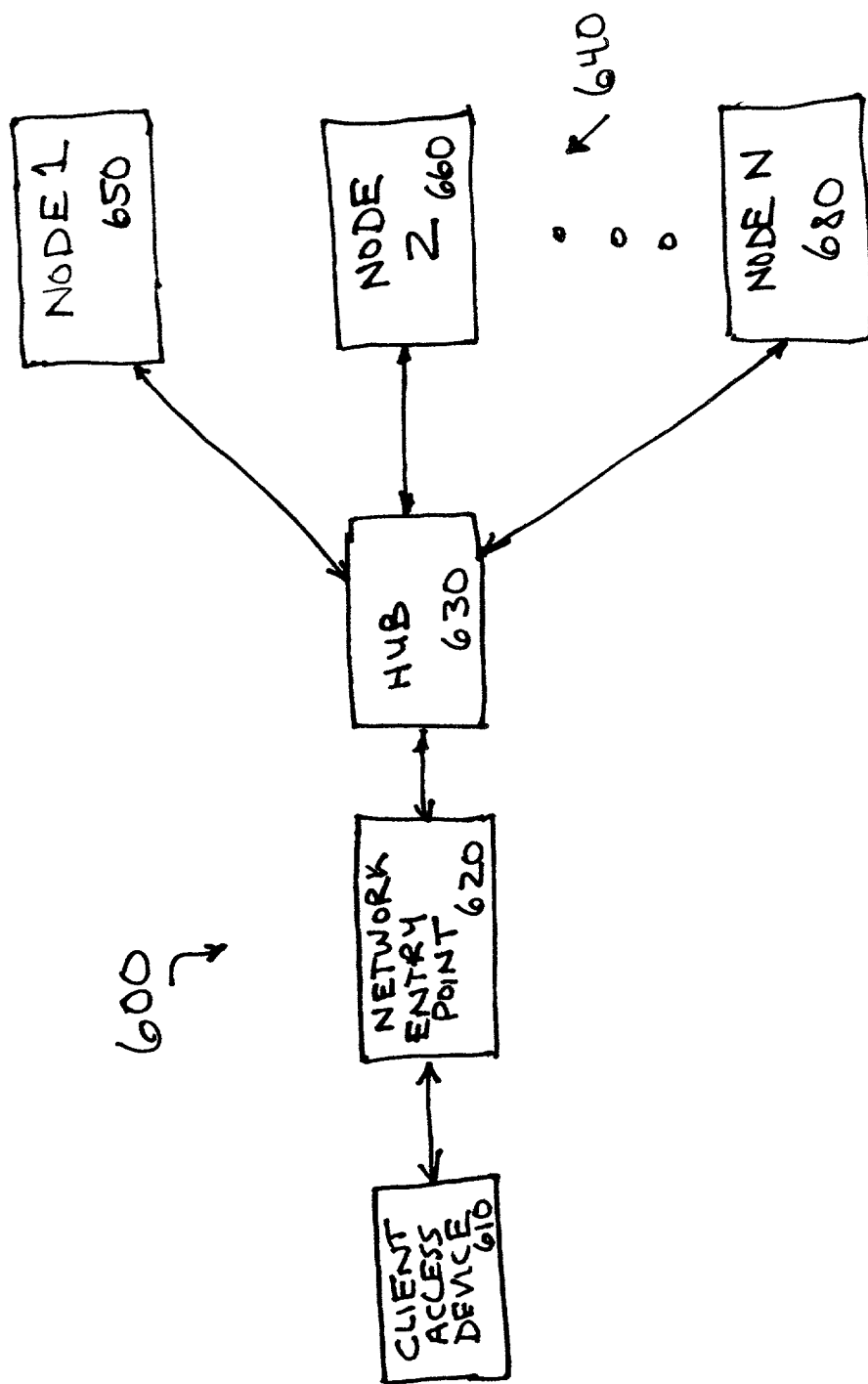


Figure 6

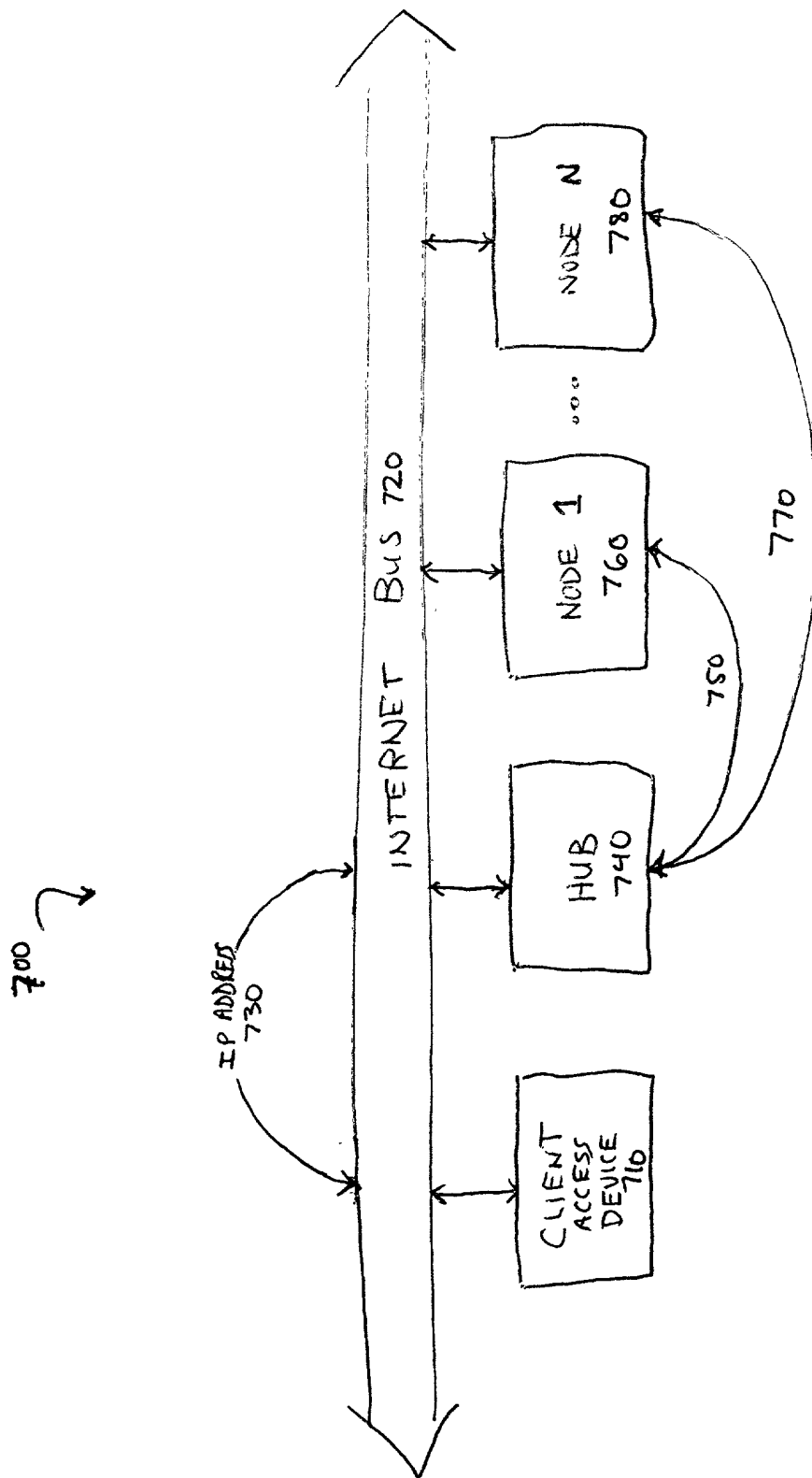


Figure 7

800 →

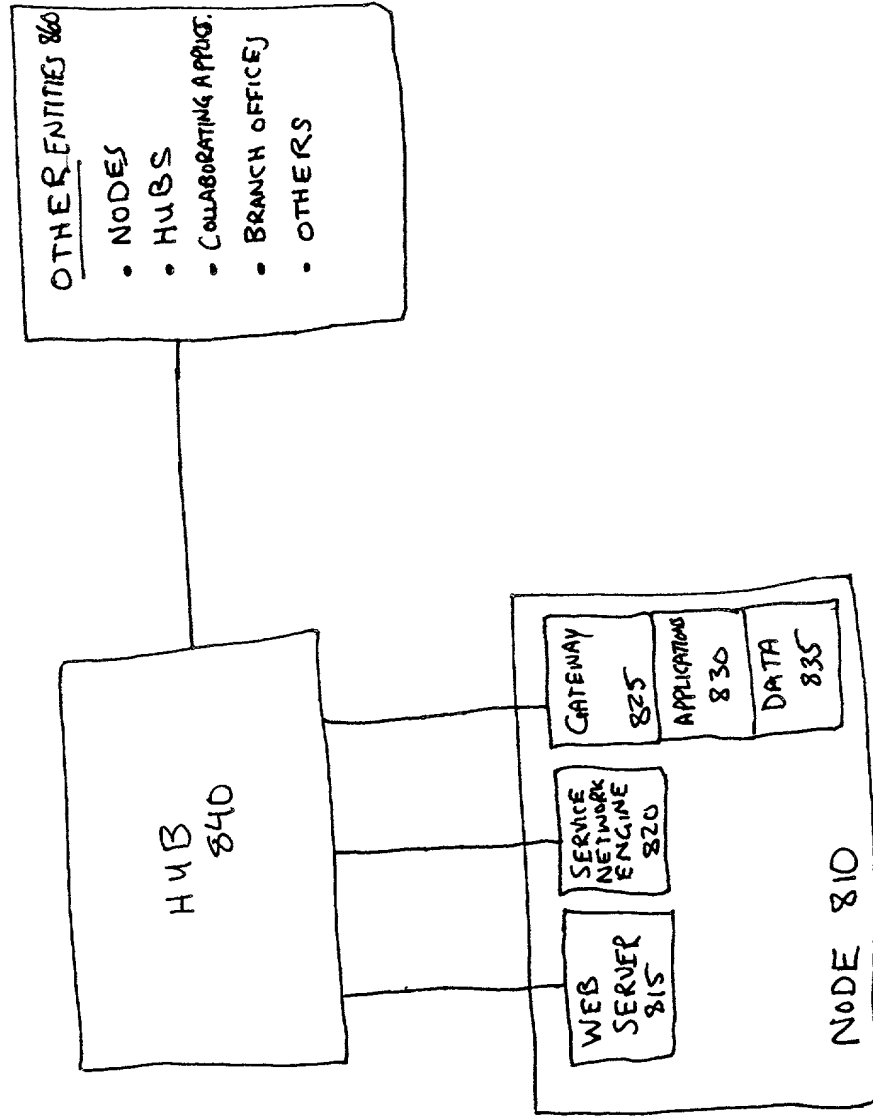


Figure 8

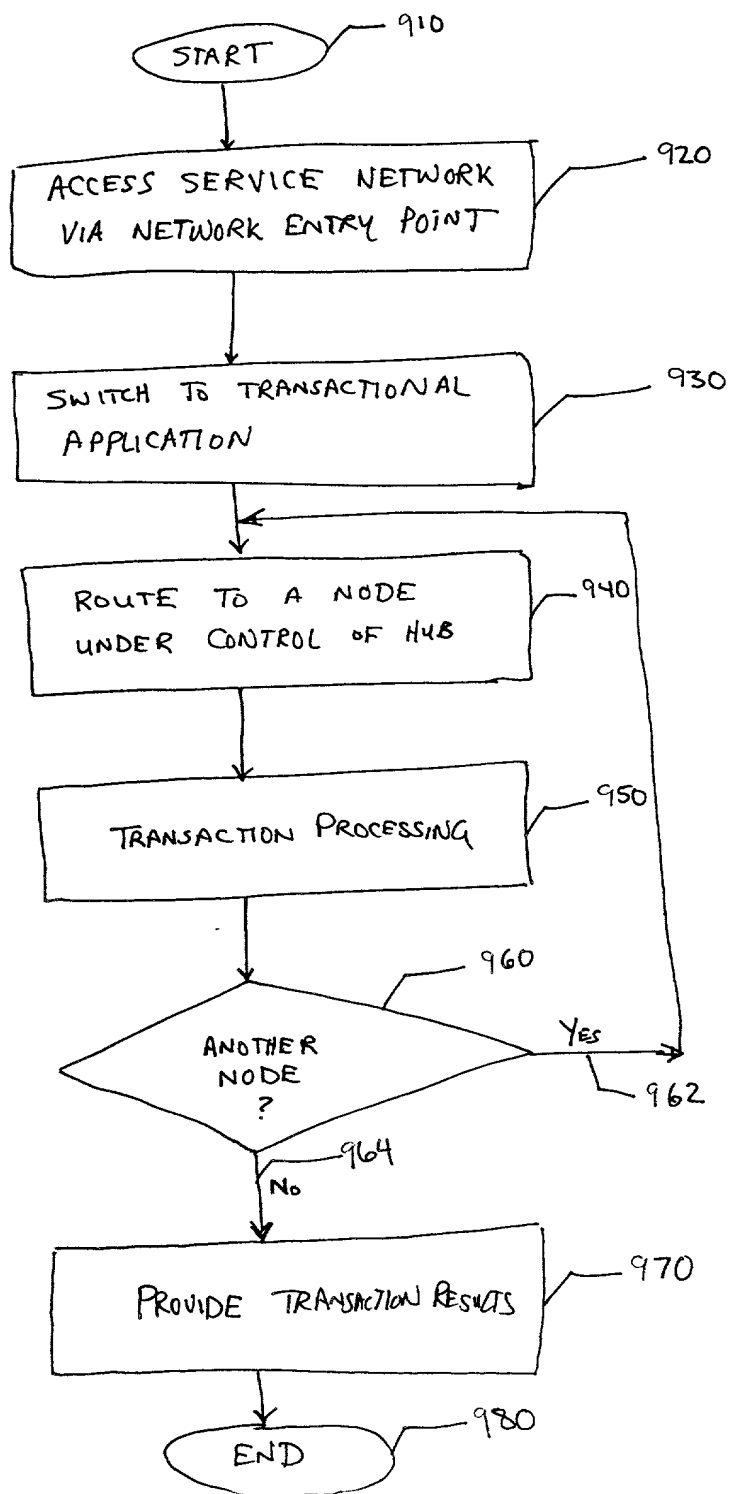


FIGURE 9

1000

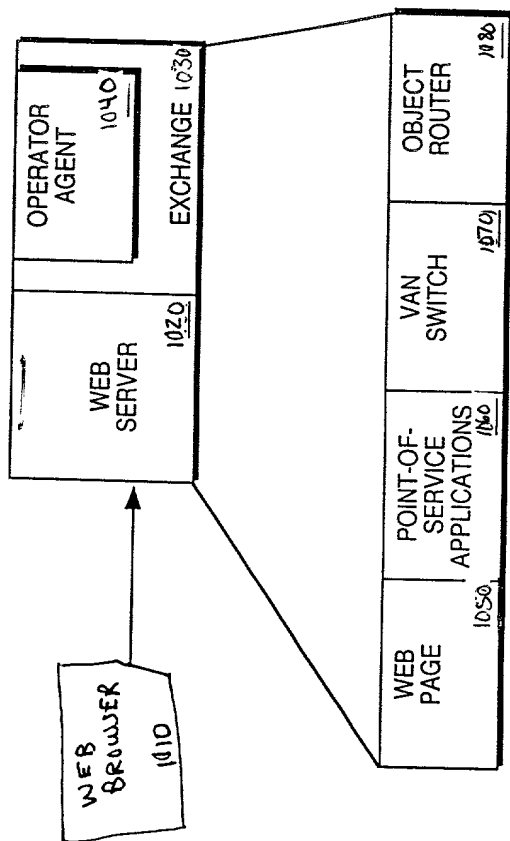


Figure 10

1100

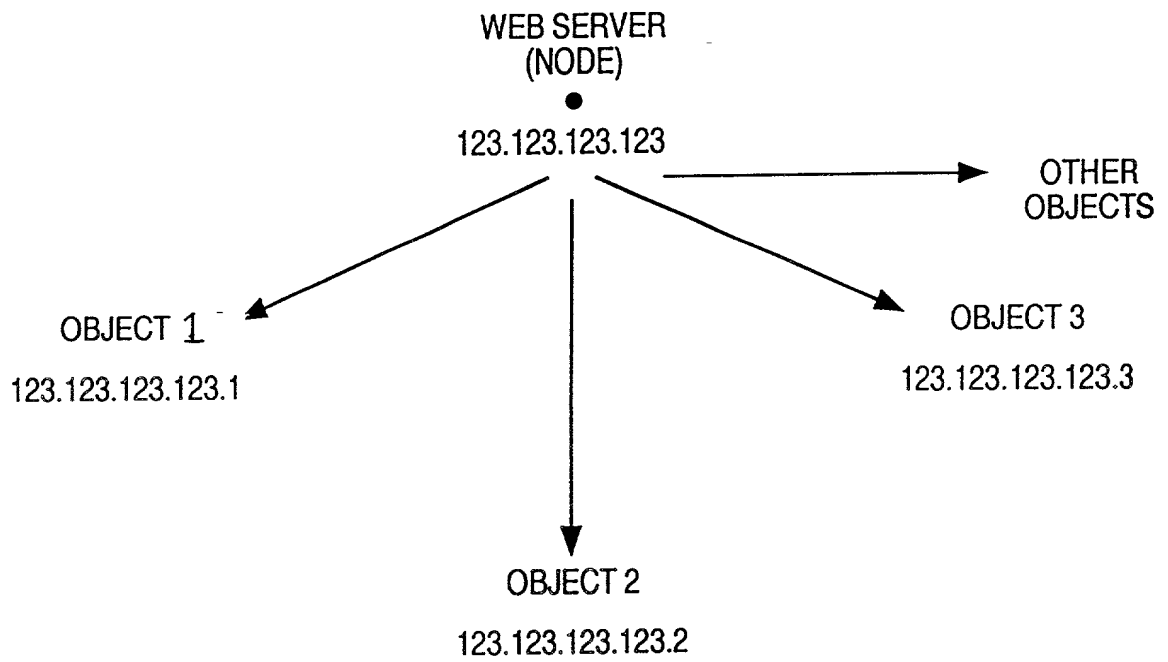
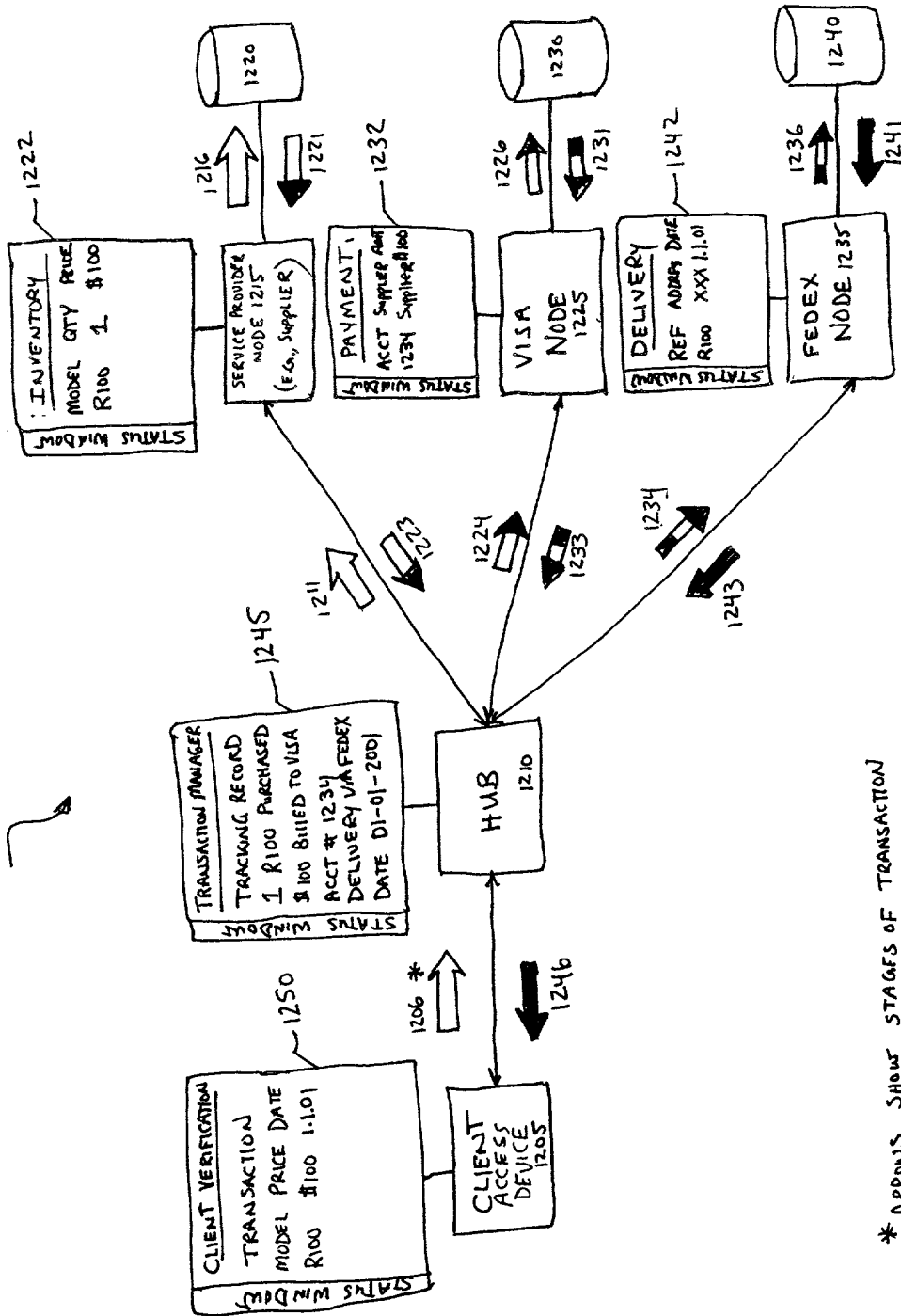


FIG. 11

1200



* ARROWS SHOW STAGES OF TRANSACTION VERIFICATION

FIGURE 12

OSI MODEL
1300

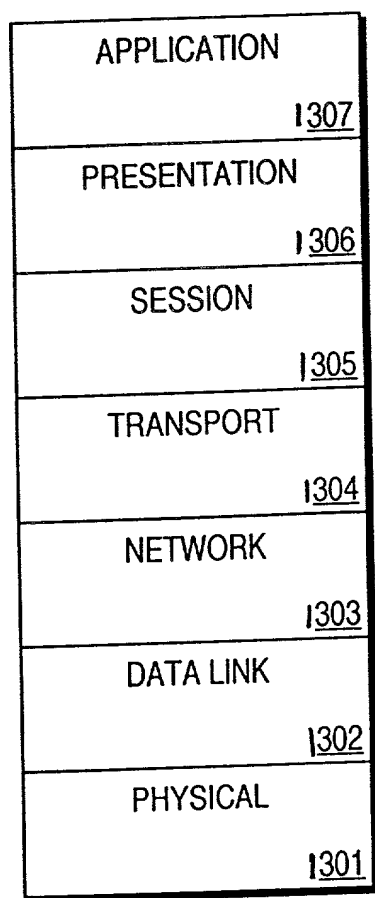


FIG. 13

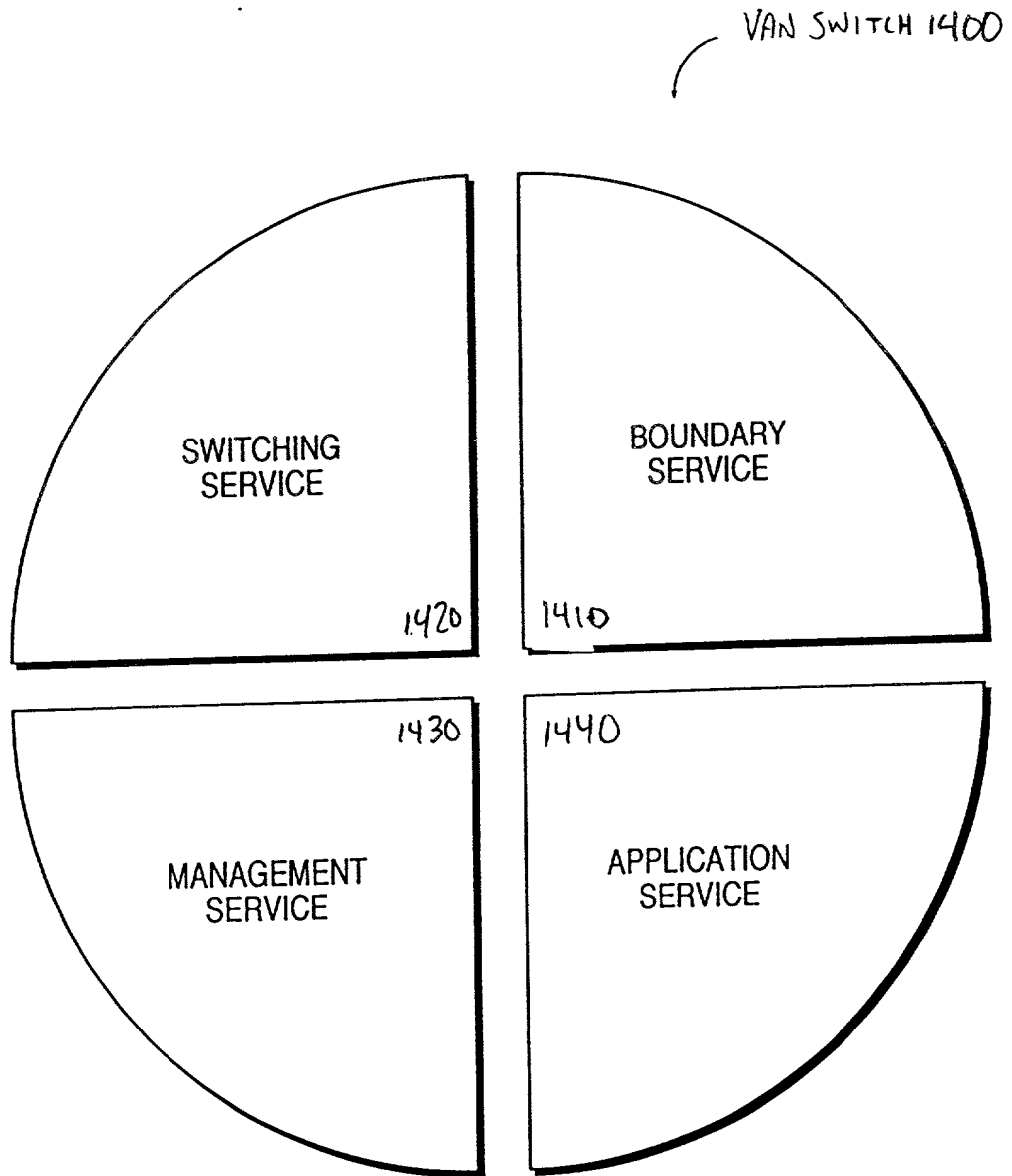


FIG. 14

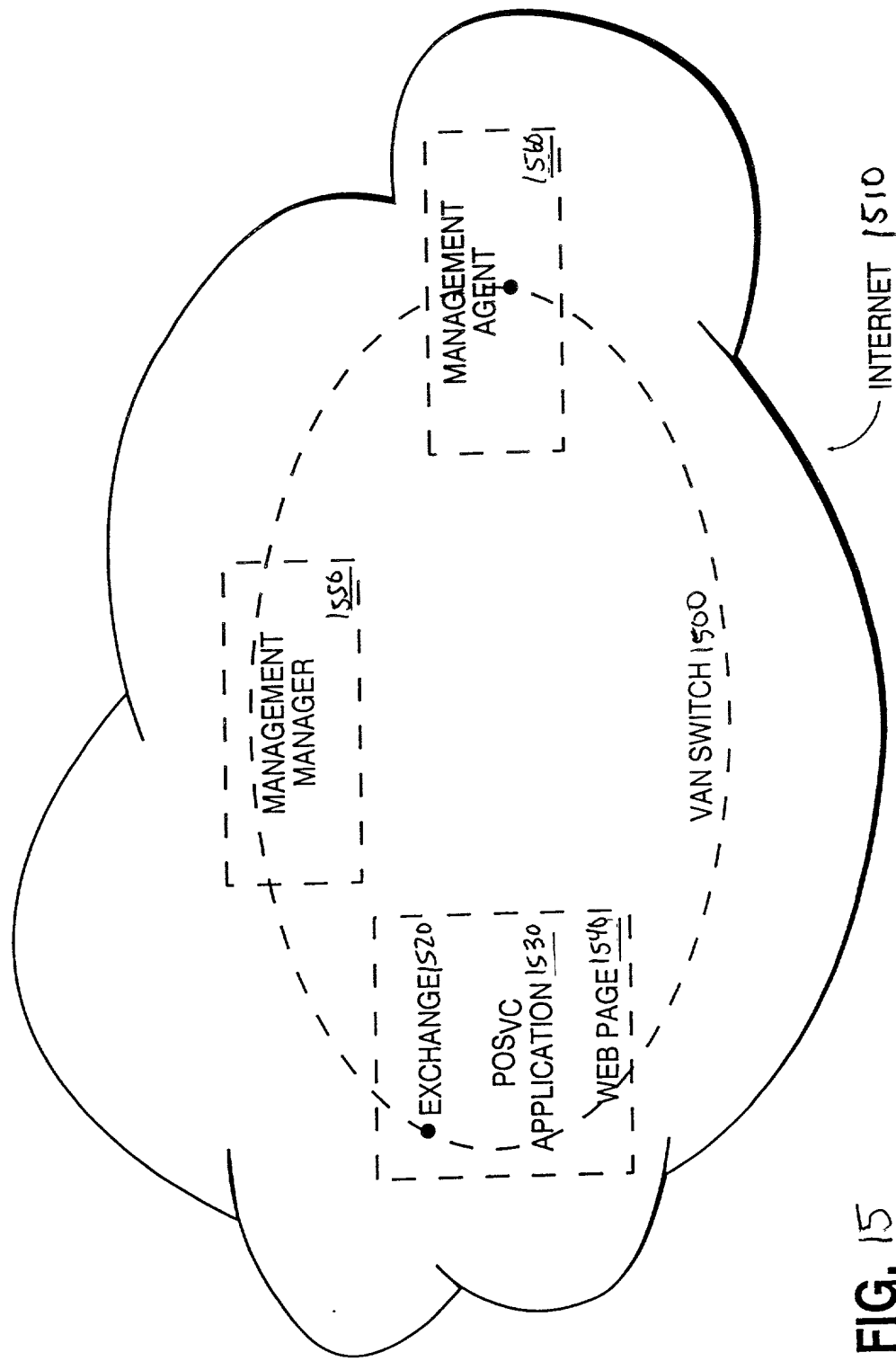


FIG. 15

1600 ↘

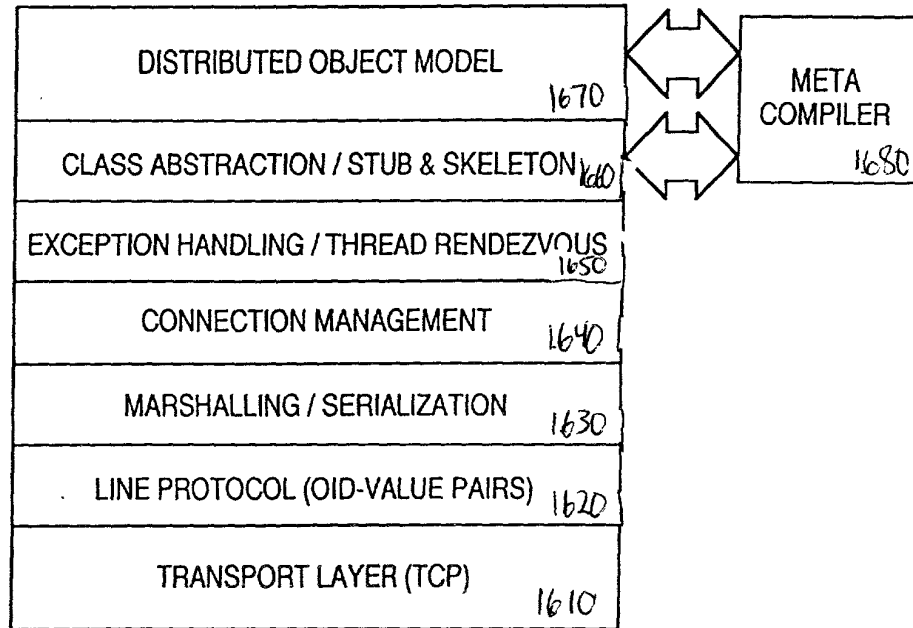


FIG. 16

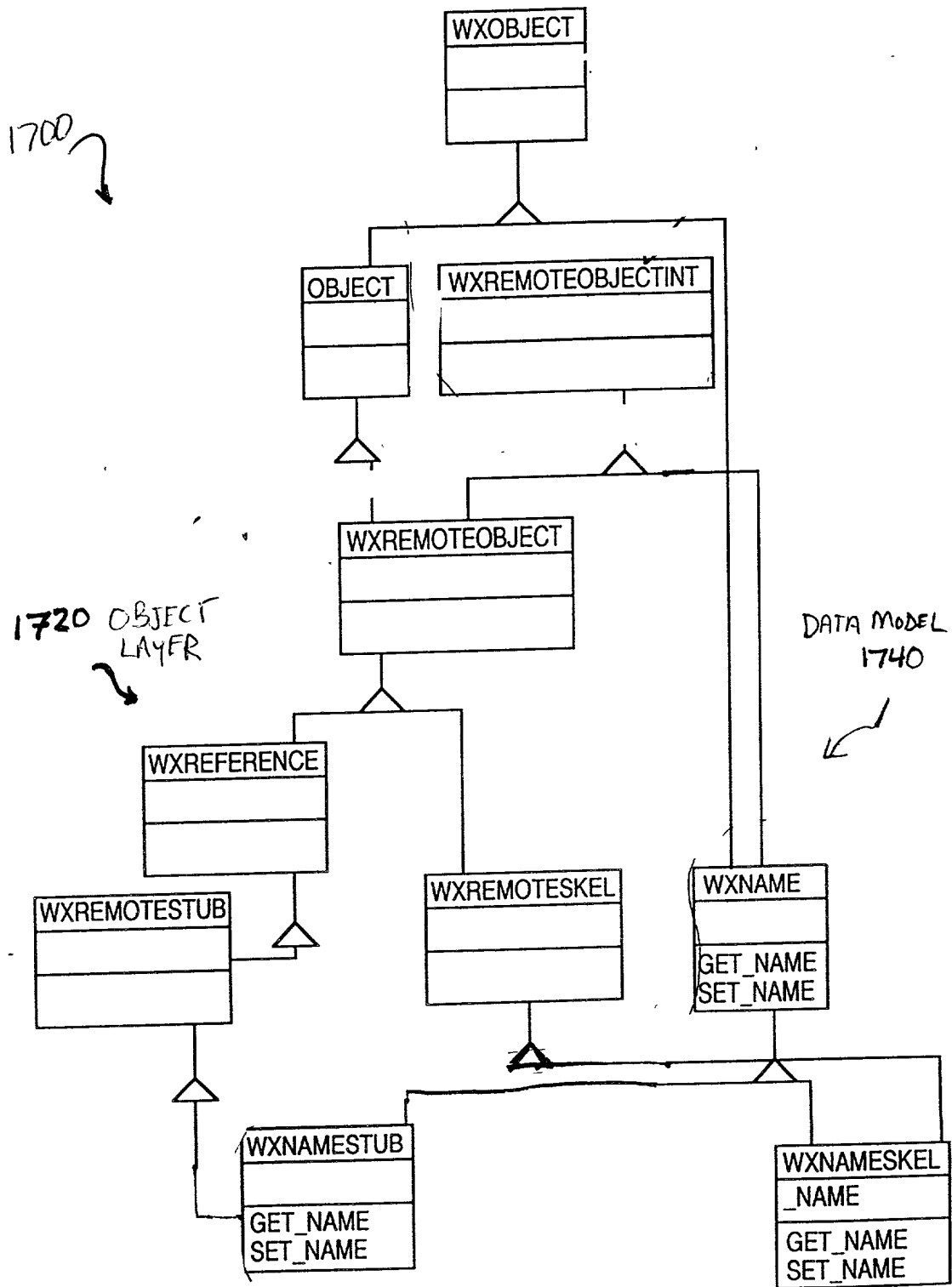


FIG. 17

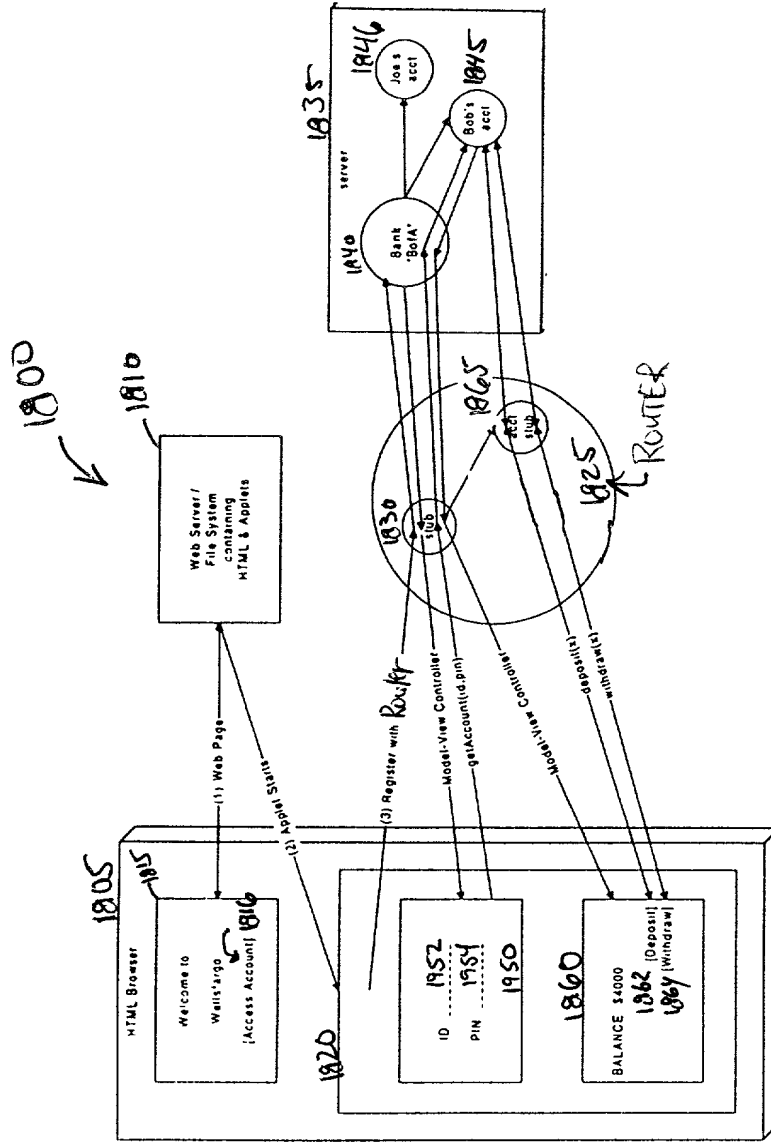


Figure 18

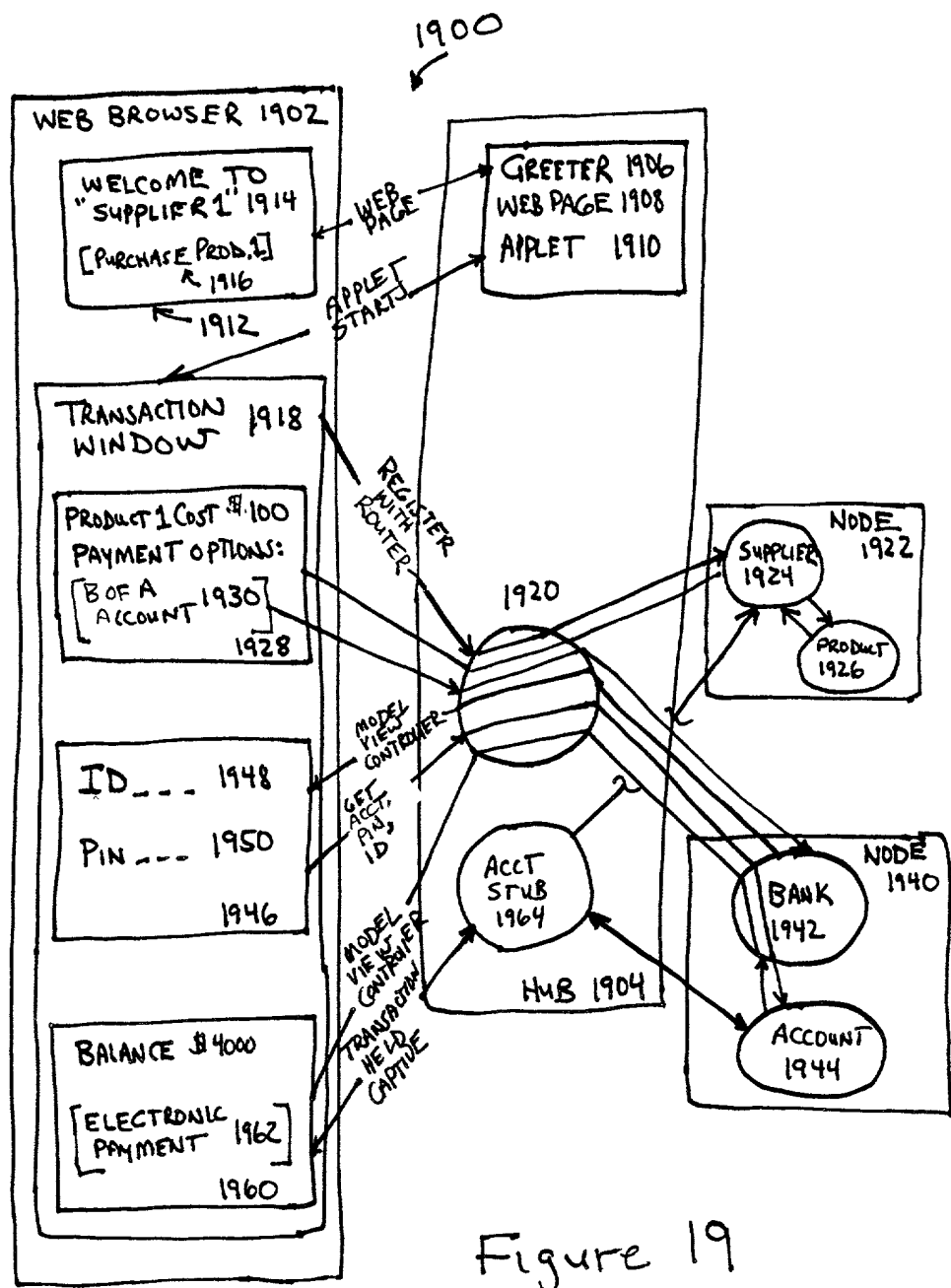


Figure 19

2000

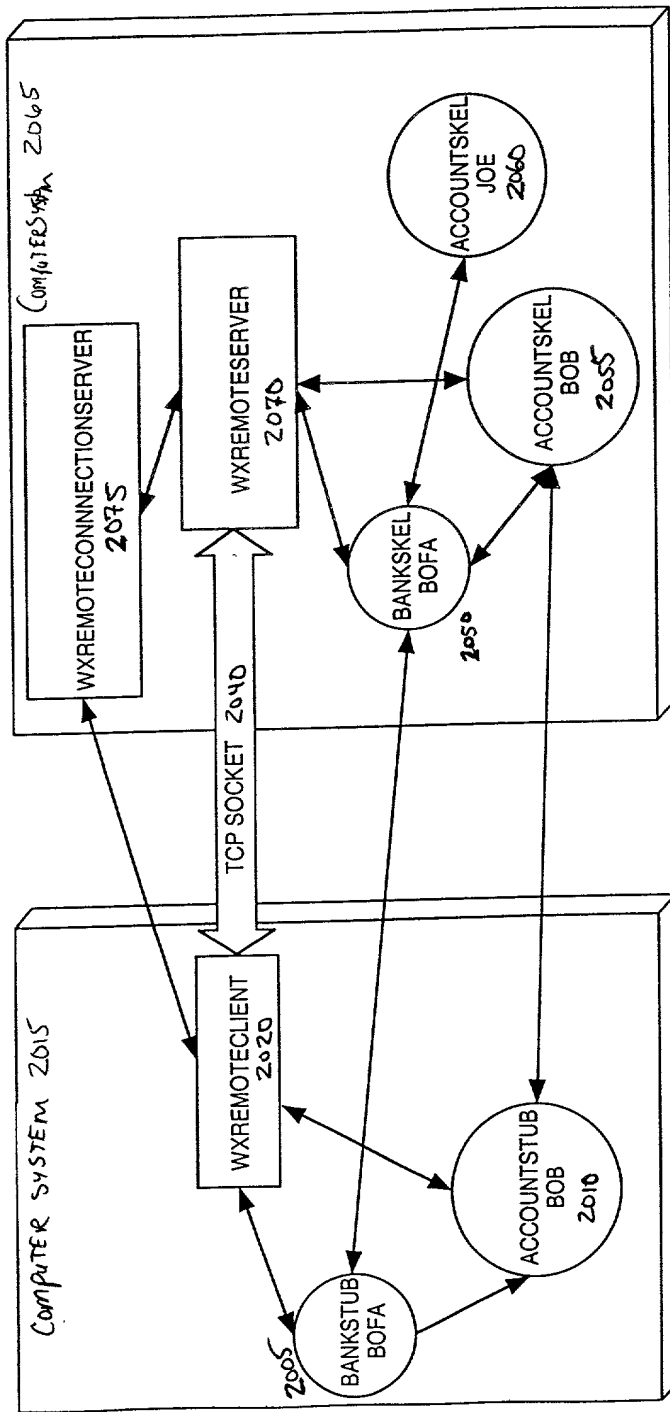


FIG. 20

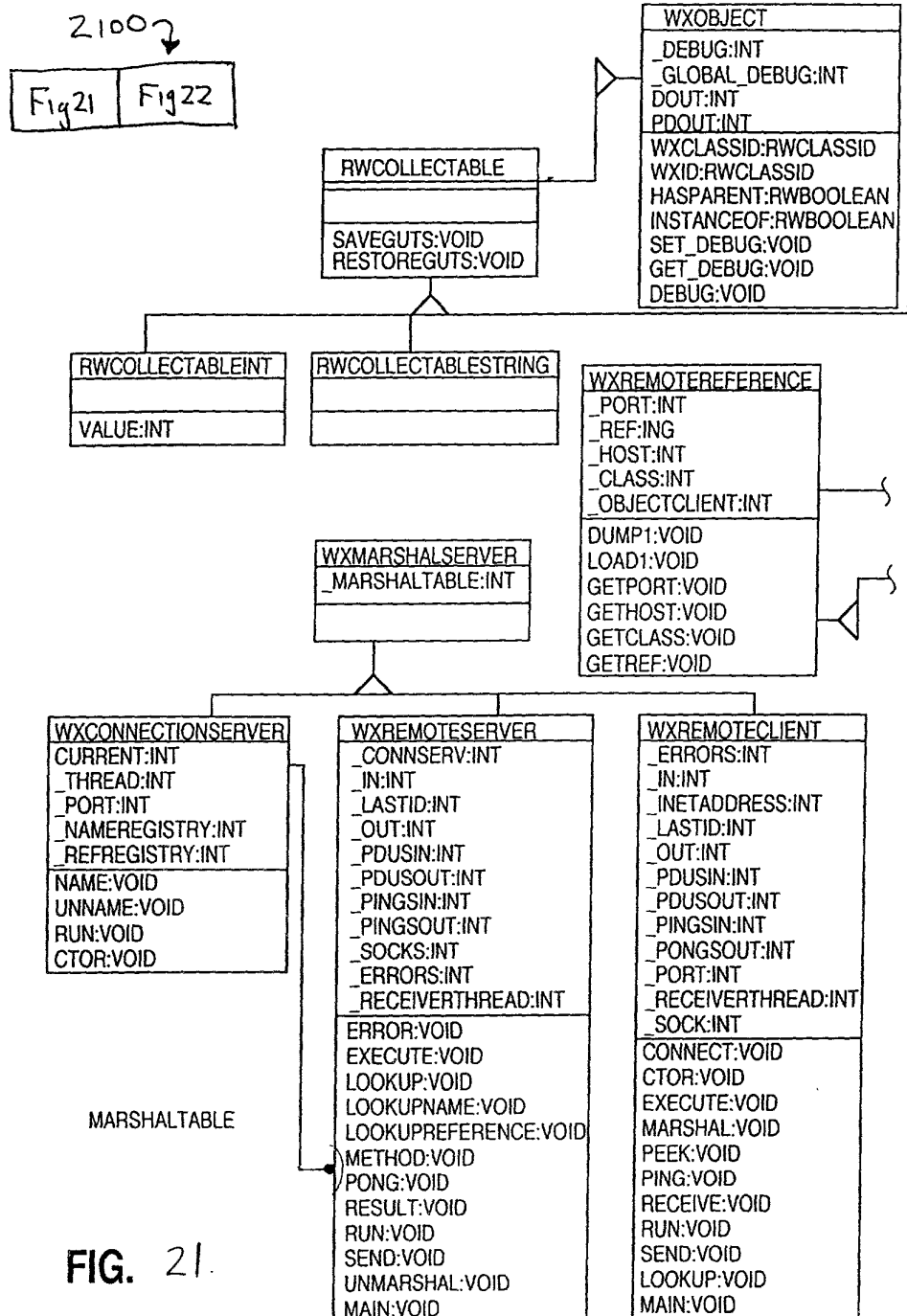


FIG. 21.

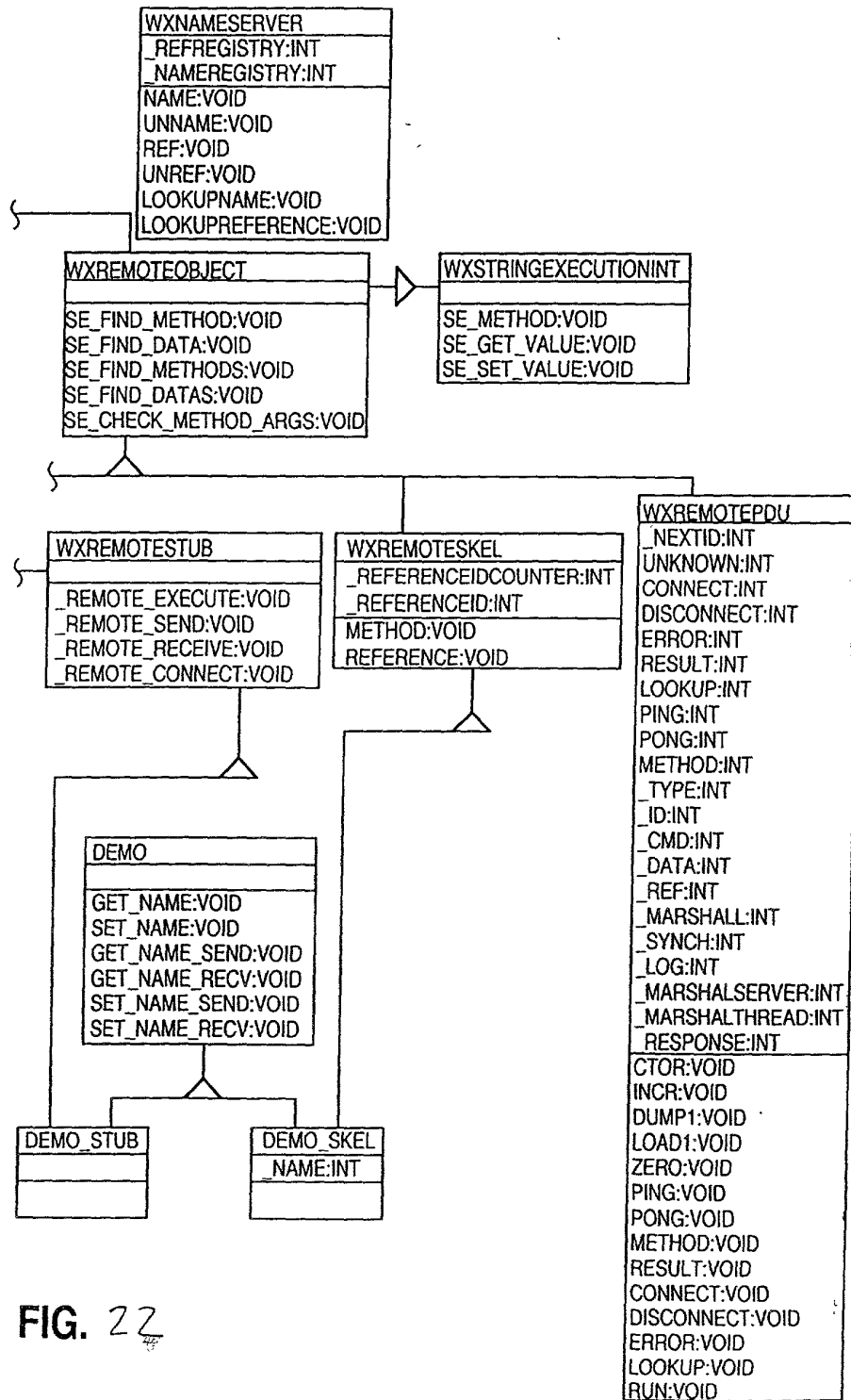


FIG. 22

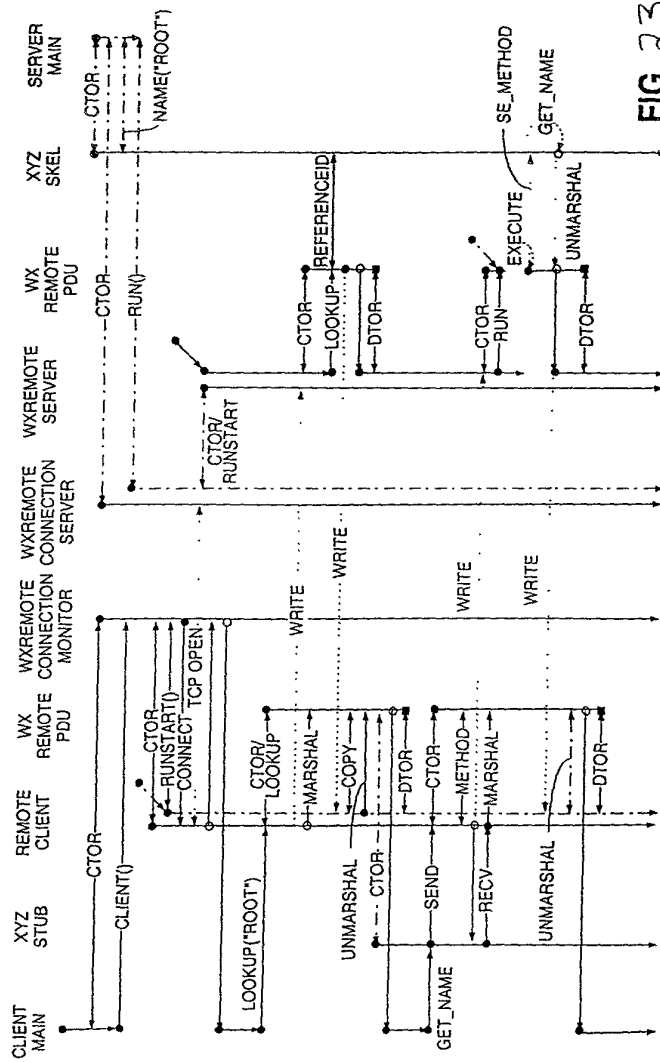


FIG. 23

2400

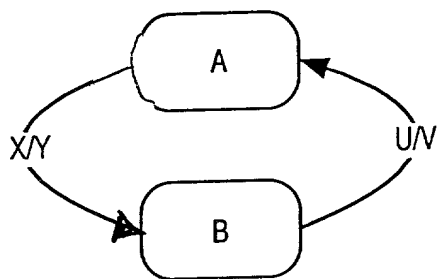


FIG. 24

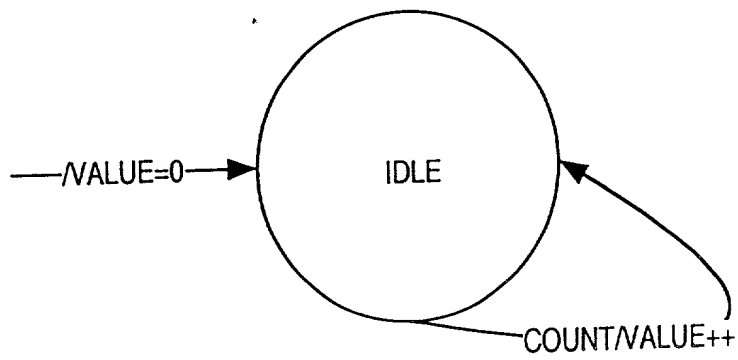


FIG. 25

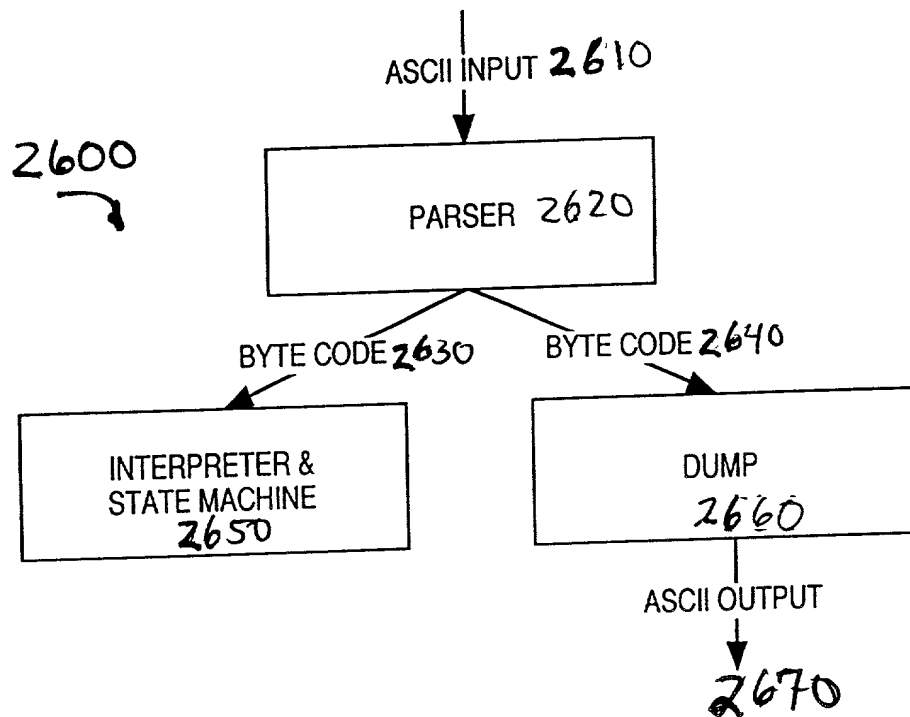


FIG. 26

```

BEGINCLASS COREBUSINESSOBJECT
BEGINDATA
ENDDATA

BEGINMETHOD
INCLUDE HSKEL
PRIVATE:
# USED BY THE FINITE STATE MACHINE
VIRTUAL VOID FSM_INIT() {}
VOID FSM_ACTION_TIMEOUT(CONST CHAR* TIMEVAL);
VOID FSM_ACTION_THROW(CONST CHAR* MESSAGE);
VOID FSM_ACTION_RETURN(CONST CHAR* RESULT);
VOID FSM_ACTION_SEND(CONST CHAR* VALUE);
PUBLIC:
ENDINCLUDE

# TO CONFIGURE THE FSM
METHOD      VOID  FSM_LOAD_DOLSIB {STRING FILENAME}
# TO TRIGGER AN EVENT IN THE FSM
METHOD      VOID  FSM_EVENT   {STRING NAME} {STRING VALUE}
METHOD      STRING FSM_RESULT
# TO SET/GET VARIABLES FROM FSM
METHOD      VOID  FSM_SET_STRING {STRING NAME} {STRING VALUE}
METHOD CONST STRING FSM_GET_STRING {STRING NAME}
METHOD      VOID  FSM_SET_INTEGER {STRING NAME} {INT VALUE}
METHOD CONST INT  FSM_GET_INTEGER {STRING NAME}
ENDMETHOD

ENDCLASS

```

FIG. 27

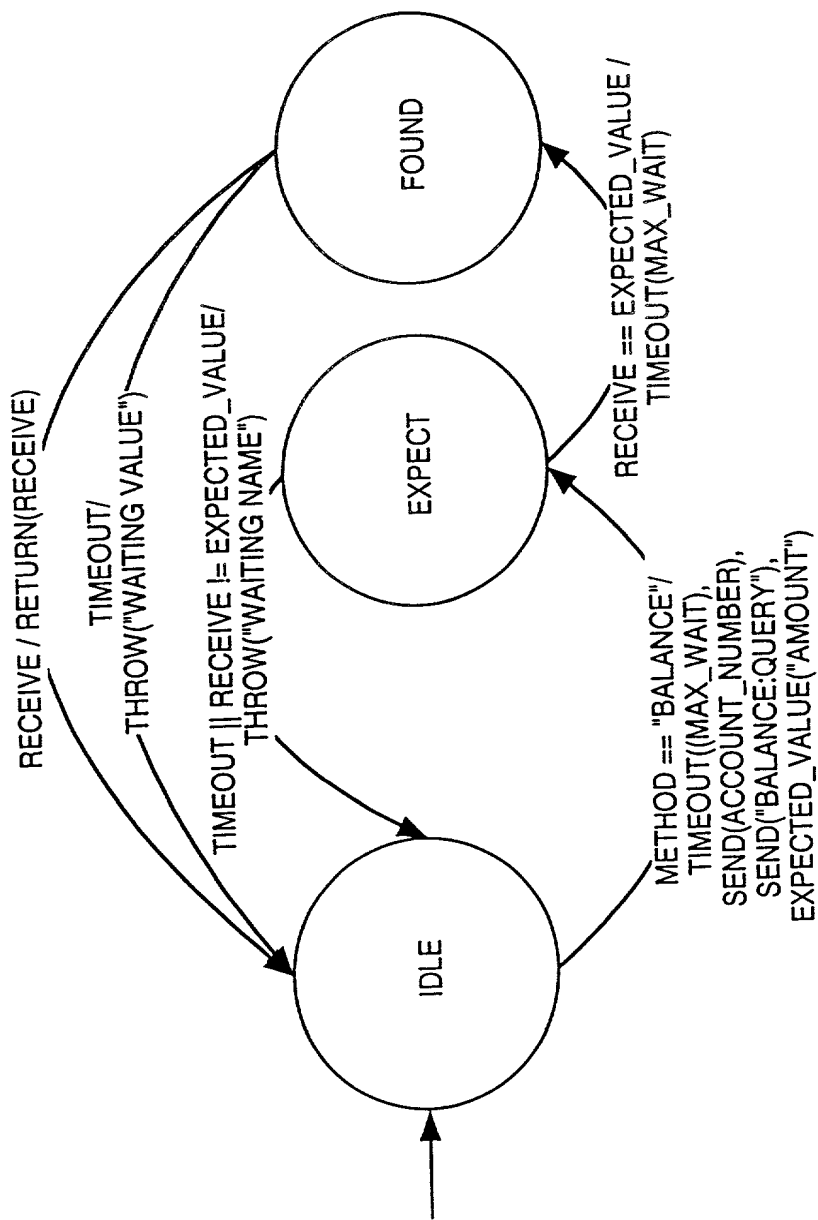


FIG. 28

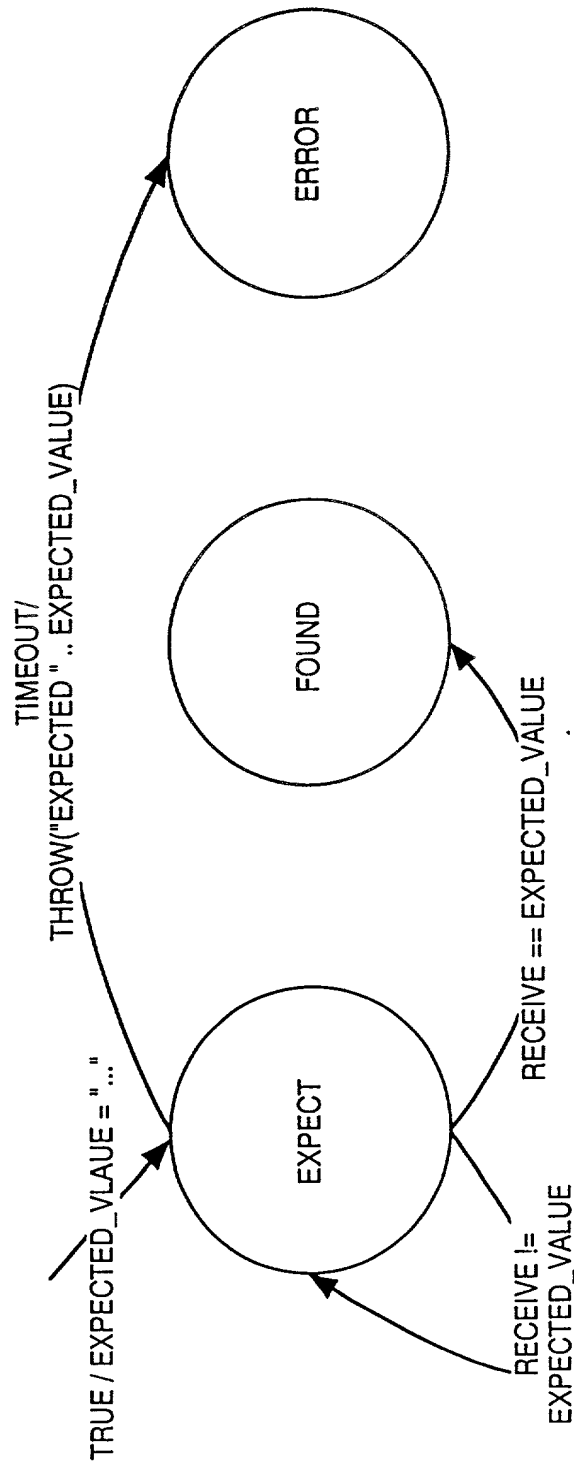


FIG. 29

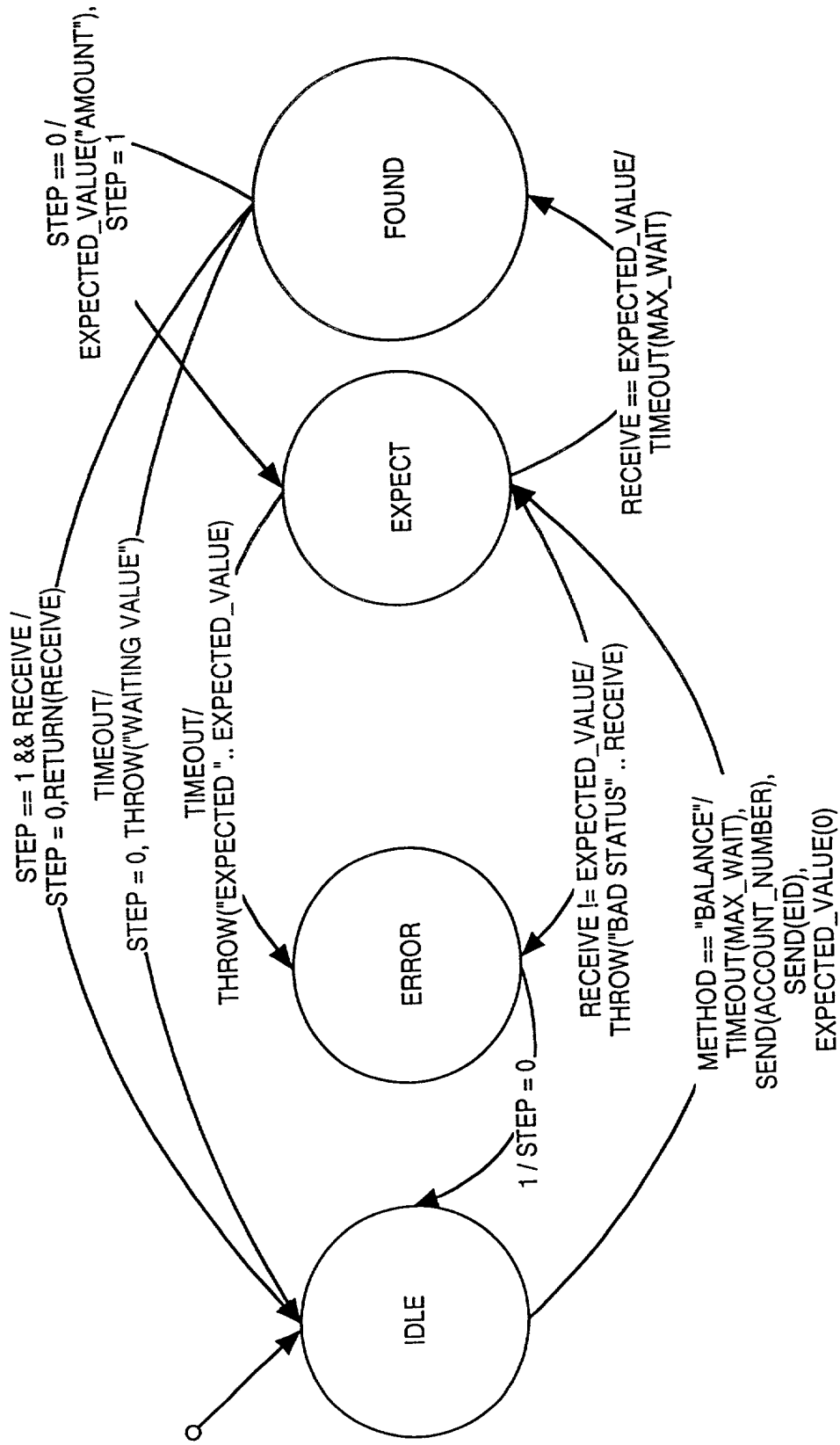


FIG. 30

FIGURE 31

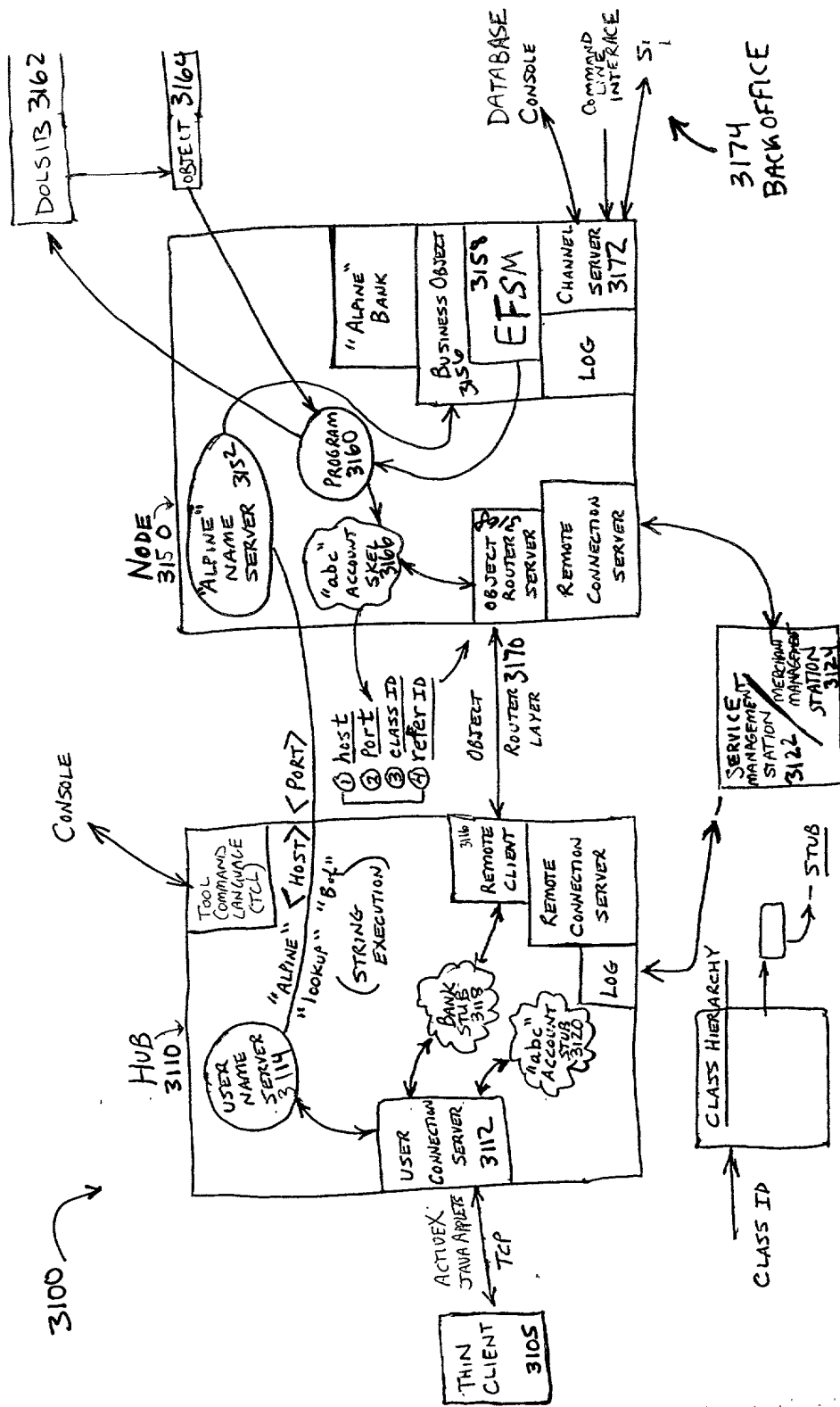
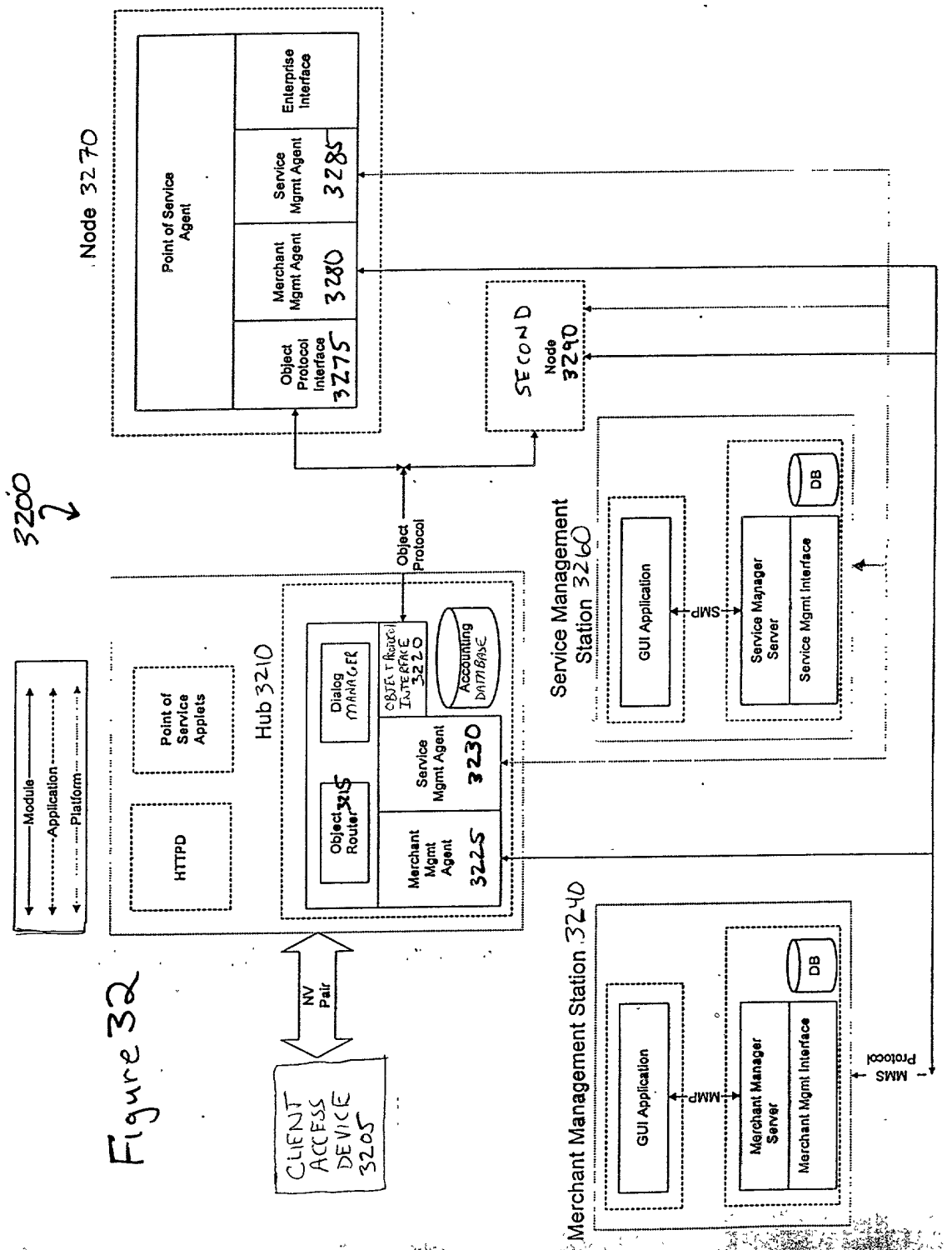


FIGURE 31



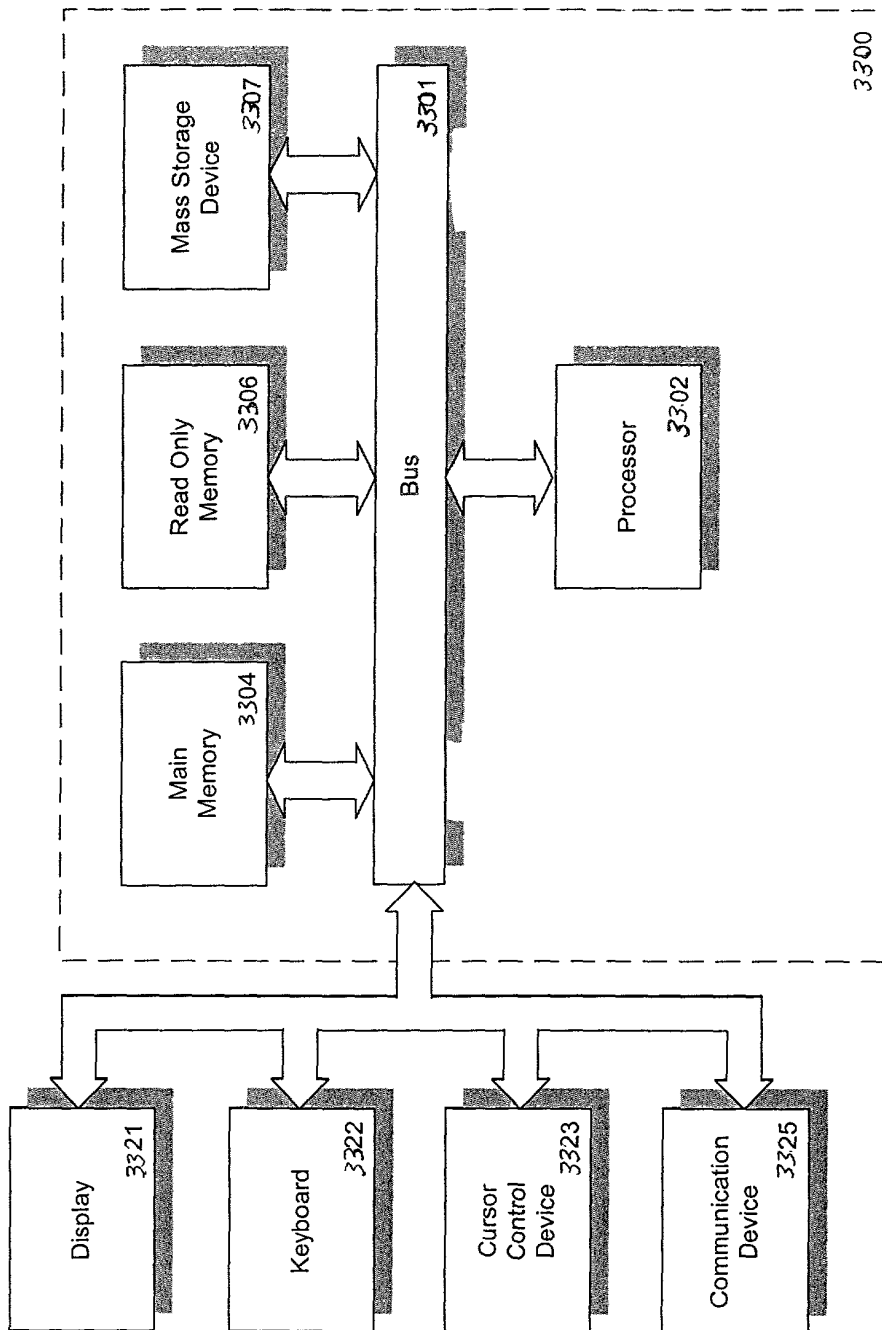


Figure 33